

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/605,177
Filing Date	September 12, 2003
First Named Inventor	Burr
Art Unit	2877
Examiner Name	
Attorney Docket Number	78.1171

Sheet	1	of	1
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
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Date
Considered

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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
JW ↓ V		GB 2098284 A	11/17/1982	Hughes Tool Co.		
		GB 2331773 A	06/02/1999	Smith Internat		
		GB 2331774 A	06/02/1999	Smith Internat		
		GB 2331775 A	06/02/1999	Smith Internat		
		EP 0467871 A3	12/02/1992	Hughes Tool Co		
		EP 0515780 A1	12/02/1992	Hughes Tool Co		

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Attorney Docket Number	78,1171

Sheet 1 of 5

Examiner Initials*	Cite No.†	U. S. PATENT DOCUMENTS.		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number	Publication Date MM-DD-YYYY		
		Number/Kind Code* (if known)			
		US- 1884965 B1	03-28-1928	Baggett et al.	
		US- 3127942 B1	04-07-1984	Neilson	
		US- 3299973 B1	01-24-1967	Swart et al.	
		US- 3397928 B1	08-20-1988	Galle	
		US- 3467448 B1	09-16-1969	Galle	
		US- 3658784 B1	04-18-1972	Robinson	
		US- 3746405 B1	07-17-1973	Welton	
		US- 3765495 B1	10-18-1973	Murdoch et al.	
		US- 3944306 B1	03-16-1976	Neilson	
		US- 4014595 B1	03-29-1977	Dolezal	
		US- 4037673 B1	07-26-1977	Justman	
		US- 4073548 B1	02-14-1978	Walters	
		US- 4168868 B1	09-25-1979	Shields	
		US- 4194795 B1	03-26-1980	Rife	
		US- 4200343 B1	04-28-1980	Highsmith	
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		US- 4248484 B1	02-03-1981	Newcomb	
		US- 4277109 B1	07-07-1981	Crow	
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		Country Code* Number* Kind Code* (if known)				

Examiner Signature	<i>Burr</i>	Date Considered	8/23/05
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PAGE 5/8 * RCVD AT 4/28/2005 8:31:46 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:281 8785720 * DURATION (mm:ss):03:22

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Attorney Docket Number	78,1171

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		US- 5027911 B1	07-02-1991	Dysart	
		US- 5129471 B1	07-14-1992	Maurstad et al.	
		US- 5152353 B1	10-06-1992	Denton	
		US- 5230520 B1	07-27-1993	Dietle	
		US- 5323883 B1	06-28-1994	Denton	
		US- 5358061 B1	10-25-1994	Van Nguyen	
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		US- 4263710 B1	03-03-1981	Goodman	
		US- 4256351 B1	03-17-1981	Langford Jr	
		US- 4280571 B1	07-28-1981	Fuller	
		US- 4289321 B1	09-15-1981	Cather Jr	
		US- 4386668 B1	06-07-1983	Parish	
		US- 4496013 B1	01-29-1985	Serpa	
		US- 4515228 B1	05-07-1985	Dolezal et al	
		US- 4688651 B1	08-25-1987	Dysart	

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		US- 5137097 B1	08-11-1992	Fernandez	
		US- 5224580 B1	07-08-1993	Fernandez	
		US- 5456327 B1	10-10-1995	Denton et al.	
		US- 5485890 B1	01-23-1996	Cawthorne et al.	
		US- 5513711 B1	05-07-1998	Williams	
		US- 5513715 B1	05-07-1998	Dysart	
		US- 5518077 B1	05-21-1996	Blackman et al.	
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		US- 5678829 B1	10-21-1997	Kalsi et al.	
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SW		US- 6170830 B1	01-09-2001	Cawthorne et al.	Class. Ex. Sub
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✓		US- 6474424 B1	11-06-2002	Saxman	
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